

# Converting Colors

Hex(D4E1B7)

Have a look what the booklet for  
Hex(D4E1B7) contains.

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# **Color**

**Hex(D4E1B7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4E1B7
RGB	212, 225, 183
RGB Percent	83%, 88%, 72%
CMY	0.1686, 0.1176, 0.2824
CMYK	0.06, 0.00, 0.19, 0.12
HSL	79°, 41%, 80%
HSV	79°, 19%, 88%
XYZ	62.6238, 71.2664, 55.2549
YIQ	216.3250, 5.7340, -15.8180

# Conversions

## Conversions Part 2

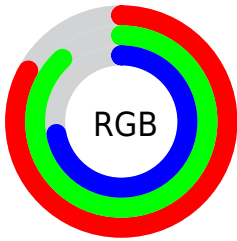
<b>Format</b>	<b>Color</b>
<b>RYB</b>	183, 225, 196
Decimal	13951415
CIELab	87.61, -11.53, 19.12
CIElCh	88, 22.327, 121.098
Yxy	71.2664, 0.3311, 0.3768
Android (android.graphics.Color)	4292141495 (0xFFD4E1B7)
YUV	216.3250, -16.4292, -3.7930
Hunter-Lab	84.4194, -15.3195, 20.2866

# Details

The Hex color **D4E1B7** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **C4B7E1**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFFFF**, and **9DAA82** is the 20% darker color. If you saturate the color by 10%, you get **CDE1A1**, and if you desaturate by 10%, it is **DBE1CE**.

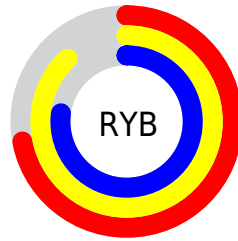
# Distribution



Red (83%)

Green (88%)

Blue (72%)



Red (72%)

Yellow (88%)

Blue (77%)

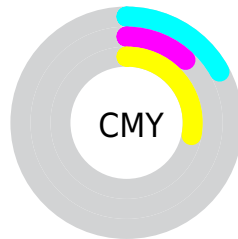


Cyan (6%)

Magenta (0%)

Yellow (19%)

Black (12%)



Cyan (17%)

Magenta (12%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D4E1B7 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color D4E1B7 by changing the saturation by 10% instead.



 D4E1B7

FFFFFF

 FFFFEF

 D4E1B7

 B8C59C

 9DAA82

 838F69

 697650

 515D39

 3A4523

 232F0E

 0D1B00

 000000

 D4E1B7

 D4E1B7

 CDE1A1

 DBE1CE

 C6E18A

 E2E1E4

 BFE174

 E9E1FB

 B8E15D

 F0E1FF

 B1E147

 F7E1FF

 AAE130

 FEE1FF

 A3E11A

 FFE1FF

 9CE103

 9BE100

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



EBDAB1



D4E1B7



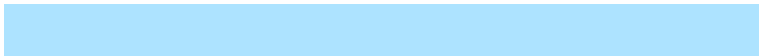
BCE6C7

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



D4E1B7



ADE3FF



FFCDDC

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



D4E1B7



C4B7E1

# Split Complementary

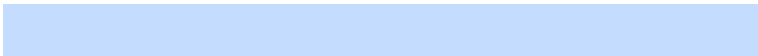
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F8D0F1



D4E1B7



C4DDFF

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D4E1B7



A2E7F1



E0D6FF



FFCEC7

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D4E1B7



AEE8D4



E0D6FF



FFCDE3



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



D4E1B7



FAFFF0



E1C4B7



7D8077



000000



808080

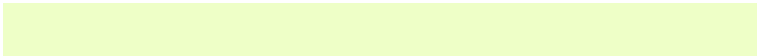


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



D4E1B7



EEFC7



BFE1B7



6D7065



79B000



213000



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



C4B7E1



D8C7FF



D9B7E1



686570



3600B0

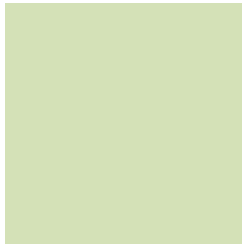


0F0030



# Previews

## White Background



This preview shows how the Hex color D4E1B7 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color D4E1B7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

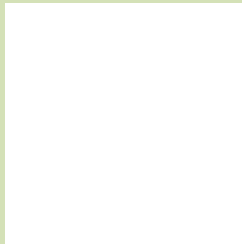
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D4E1B7 Background



This preview shows how black text looks on a background with the Hex color D4E1B7.

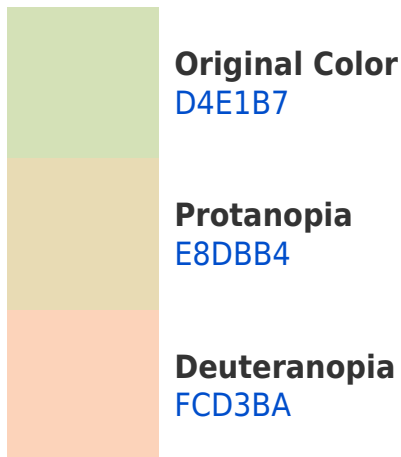


This preview shows how white text looks on a background with the Hex color D4E1B7.

# Color Blindness Simulation

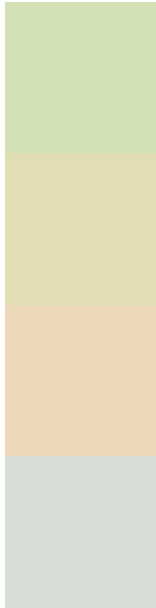
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



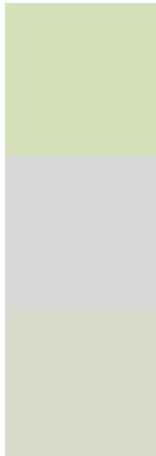
**Original Color**  
D4E1B7

**Protanomaly**  
E1DDB5

**Deuteranomaly**  
E8D8B9

**Tritanomaly**  
D8DDD8

# Monochromacy



**Original Color**  
D4E1B7

**Achromatopsia**  
D8D8D8

**Achromatomaly**  
D7DBCC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D4E1B7 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #D4E1B7 looks like.

```
.text, #text, p{  
    color:#D4E1B7  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #D4E1B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4E1B7
}
```

## Border

The CSS property to change the border of an element to Hex D4E1B7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D4E1B7 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#D4E1B7 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #D4E1B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4E1B7; -webkit-box-shadow:4px 4px  
4px 4px #D4E1B7; box-shadow:4px 4px 4px  
4px #D4E1B7 }
```

# Background

The CSS property to change the background color of an element to Hex D4E1B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4E1B7 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#D4E1B7 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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